



11-09-06

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PTO/SB/21 (09-04)

Approved for use through 07/31/2006. OMB 0651-0031  
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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**TRANSMITTAL  
FORM**

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission

Application Number

10/089,497

Filing Date

August 21, 2002

First Named Inventor

Steven M. Blair

Art Unit

1641

Examiner Name

C. Chin

Attorney Docket Number

0274-4407.1US

**ENCLOSURES (check all that apply)**☒ Fee Transmittal Form☒ Fee Attached☐ Amendment / Reply☐ After Final☐ Affidavits/declaration(s)☐ Extension of Time Request☐ Express Abandonment Request☒ Information Disclosure Statement☐ Certified Copy of Priority Document(s)☐ Reply to Missing Parts/  
Incomplete Application☐ Reply to Missing Parts  
under 37 CFR 1.52 or 1.53☐ Drawing(s)☐ Licensing-related Papers☐ Petition☐ Petition to Convert to a  
Provisional Application☐ Power of Attorney, Revocation  
Change of Correspondence Address☐ Terminal Disclaimer☐ Request for Refund☐ CD, Number of CD(s) \_\_\_\_\_☐ Landscape Table on CD☐ After Allowance Communication to TC☐ Appeal Communication to Board  
of Appeals and Interferences☐ Appeal Communication to TC  
(Appeal Notice, Brief, Reply Brief)☐ Proprietary Information☐ Status Letter☐ Other Enclosure(s)  
(please identify below):**Remarks**

The Commissioner is authorized to charge any additional fees required but not submitted with any document or request requiring fee payment under 37 C.F.R. §§ 1.16 and 1.17 to Deposit Account 20-1469 during pendency of this application.

**SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT**

Firm

TraskBritt, P.C.

Signature

Printed Name

Laurence B. Bond

Date

8 Nov. 2006

Reg.  
No.

30,549

**CERTIFICATE OF MAILING**Express Mail Label Number: EV826300980USDate of Deposit: 8 Nov. 2006Person Making Deposit: Laurence B. Bond

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



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Effective on 12/08/2004.  
Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).

# FEE TRANSMITTAL for FY 2006

☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ ) 180.00

## Complete if Known

Application Number	10/089,497
Filing Date	8/21/2002
First Named Inventor	Steven M. Blair
Examiner Name	C. Chin
Art Unit	1641
Attorney Docket No.	0274-4407.1US

## METHOD OF PAYMENT (check all that apply)

☒ Check ☐ Credit Card ☐ Money Order ☐ None ☐ Other (please identify) : \_\_\_\_\_

☒ Deposit Account Deposit Account Number: 20-1469 Deposit Account Name: TraskBritt, PC

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

☐ Charge fee(s) indicated below

☐ Charge fee(s) indicated below, except for the filing fee

☒ Charge any additional fee(s) or underpayments of fee(s)

☒ Credit any overpayments

Under 37 CFR 1.16 and 1.17

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

## FEE CALCULATION

### 1. BASIC FILING, SEARCH, AND EXAMINATION FEES

Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		Fees Paid (\$)
	Fee (\$)	Small Entity Fee(\$)	Fee(\$)	Small Entity Fee(\$)	Fee(\$)	Small Entity Fee(\$)	
Utility	300	150	500	250	200	100	_____
Design	200	100	100	50	130	65	_____
Plant	200	100	300	150	160	80	_____
Reissue	300	150	500	250	600	300	_____
Provisional	200	100	0	0	0	0	_____

### 2. EXCESS CLAIM FEES

#### Fee Description

Each claim over 20 (including Reissues)

Fee (\$)  
50

Small Entity Fee (\$)  
25

Each independent claim over 3 (including Reissues)

200

100

Multiple dependent claims

360

180

#### Total Claims

#### Extra Claims

#### Fee(\$)

#### Fee Paid (\$)

#### Multiple Dependent Claims

\_\_\_\_\_ -20 or HP= \_\_\_\_\_ x \_\_\_\_\_ = \_\_\_\_\_

Fee (\$)  
\_\_\_\_\_

Fee Paid (\$)  
\_\_\_\_\_

HP = highest number of total claims paid for, if greater than 20.

#### Indep. Claims

#### Extra Claims

#### Fee(\$)

#### Fee Paid (\$)

\_\_\_\_\_ - 3 or HP= \_\_\_\_\_ x \_\_\_\_\_ = \_\_\_\_\_

HP = highest number of independent claims paid for, if greater than 3.

### 3. APPLICATION SIZE FEE

If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof	Fee (\$)	Fee Paid (\$)
_____	_____	_____	_____	_____

\_\_\_\_\_ - 100 = \_\_\_\_\_ / 50 = \_\_\_\_\_ (round up to a whole number) x \_\_\_\_\_ = \_\_\_\_\_

### 4. OTHER FEE(S)

Non-English Specification, \$130 fee (no small entity discount)

Other (e.g., late filing surcharge): Submission of Supplemental Information Disclosure Statement

Fees Paid (\$)

180.00

## SUBMITTED BY

Signature

Registration No.  
(Attorney/Agent)

30,549

Telephone

801-532-1922

Name (Print/Type)

Laurence B. Bond

Date

8 Nov. 2006

This collection of information is required by 37 CFR 1.136. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing this form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Re Application of:

Steven M. Blair

Serial No.: 10/089,497

Filed: August 21, 2002

For: RESONANT OPTICAL CAVITIES  
FOR HIGH-SENSITIVITY, HIGH-  
THROUGHPUT BIOLOGICAL SENSORS  
AND METHODS

Confirmation No.: 9592

Examiner: C. Chin

Group Art Unit: 1641

Attorney Docket No.: 0274-4407.1US

NOTICE OF EXPRESS MAILING

Express Mail Mailing Label Number: EV826300980US

Date of Deposit with USPS: 8 Nov 2006

Person making Deposit: Laurence B. Bond

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In compliance with the duty to disclose information material to patentability pursuant to 37 C.F.R. § 1.56, it is respectfully requested that this Supplemental Information Disclosure Statement be entered and the documents listed on attached Form PTO-1449 or PTO/SB/08 be considered by the Examiner and made of record. Copies of any cited foreign patents, publications, or pending unpublished U.S. applications are enclosed pursuant to 37 C.F.R. § 1.98(a)(2).

In accordance with 37 C.F.R. § 1.97(g) and (h), filing of this Supplemental Information Disclosure Statement is not to be construed as a representation that a search has been made or an admission that the information cited herein is, or is considered to be, material to patentability as

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defined in 37 C.F.R. § 1.56(b). Further, no representation is made by Applicant herein that no other possible material information as defined in 37 C.F.R. § 1.56(b) exists.

U.S. Patent Documents

<u>U.S. Patent No.</u>	<u>Publication Date</u>	<u>Patentee</u>
US-5,244,636	9/14/1993	Walt et al.
US- 5,344,784	9/6/1994	Attridge
US- 5,347,784	9/20/1994	Crick et al.
US- 5,434,663	7/18/1995	Maule
US- 5,525,466	6/11/1996	Slovacek et al.
US- 5,745,231	4/28/1998	Groger et al.
US- 5,824,023	10/20/1998	Anderson
US- 5,835,231	11/10/1998	Pipino
US- 5,943,136	8/24/1999	Pipino et al.
US- 6,210,910 B1	4/3/2001	Walt et al.
US- 6,333,458 B1	12/25/2001	Forrest et al.

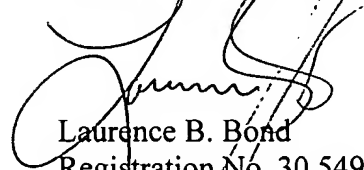
Foreign Patent Documents

<u>Document No.</u>	<u>Publication Date</u>	<u>Patentee</u>
WO90/09576	8/23/1990	Plessey Overseas Limited
WO91/06862	5/16/1991	Fisons PLC
WO92/21976	12/10/1992	Fisons PLC
WO93/14393	7/22/1993	Fisons PLC
WO94/25850	11/10/1994	Fisons PLC
WO97/35181	9/25/1997	University of Utah Research Foundation
WO99/37996	7/29/1999	Torsana Biosensor A/S
WO99/49937	10/7/1999	The General Hospital Corporation

Applicant offers to supply any explanation or discussion of the documents that the Examiner feels is necessary or desirable and which is requested.

This Supplemental Information Disclosure Statement is filed after the mailing date of the first Office Action on the merits. The fee pursuant to 37 C.F.R. § 1.17(p) is enclosed.

Respectfully submitted,



Laurence B. Bond  
Registration No. 30,549  
Attorney for Applicant(s)  
TRASKBRITT  
P.O. Box 2550  
Salt Lake City, Utah 84110-2550  
Telephone: 801-532-1922

Date: November 1, 2006  
LBB/dh

Enclosures: Form PTO/SB/08  
Cited Non-U.S. Patent Documents  
Document in ProLaw



Institute for form 1449A/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet

of

**Complete if Known**

Application Number	10/089,497
Filing Date	August 21, 2002
First Named Inventor	Steven M. Blair
Group Art Unit	1641
Examiner Name	C. Chin
Attorney Docket Number	0274-4407.1US

**U.S. PATENT DOCUMENTS**

Examiner Initials *	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code <sup>2</sup> (if known)			
		US-5,244,636	9/14/1993	Walt et al.	
		US- 5,344,784	9/6/1994	Attridge	
		US- 5,347,784	9/20/1994	Crick et al.	
		US- 5,434,663	7/18/1995	Maule	
		US- 5,525,466	6/11/1996	Slovacek et al.	
		US- 5,745,231	4/28/1998	Groger et al.	
		US- 5,824,023	10/20/1998	Anderson	
		US- 5,835,231	11/10/1998	Pipino	
		US- 5,943,136	8/24/1999	Pipino et al.	
		US- 6,210,910 B1	4/3/2001	Walt et al.	
		US- 6,333,458 B1	12/25/2001	Forrest et al.	
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**FOREIGN PATENT DOCUMENTS**

Examiner Initials *	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (if known)				
		WO90/09576	8/23/1990	Plessey Overseas Limited		
		WO91/06862	5/16/1991	Fisons PLC		
		WO92/21976	12/10/1992	Fisons PLC		
		WO93/14393	7/22/1993	Fisons PLC		
		WO94/25850	11/10/1994	Fisons PLC		
		WO97/35181	9/25/1997	University of Utah Research Foundation		
		WO99/37996	7/29/1999	Torsana Biosensor A/S		
		WO99/49937	10/7/1999	The General Hospital Corporation		

Examiner  
SignatureDate  
Considered

\* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO